



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Monday, October 22, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Isolated heavy rain/flash flooding possible for **Western NM** and for **S-Central, SE** and **South TX**.

Tuesday and Wednesday

- Isolated heavy rain/flash flooding possible **Tuesday** for **NM** into **West, Southwest, and Central TX**.
- Isolated heavy rain/flash flooding possible **Wednesday** for much of **TX** into **LA**.

Thursday and Friday

- Rain will be moving through **E** portions of the **Region**; **No significant weather impacts** at this time.

River Flood Status

- **Moderate to Major River flooding** is ongoing or expected across **Texas**.
 - Points along the **Nueces river** in **STX** will be in **Major Flood** at times over the next week as water moves downstream. Points near **Cotulla** and **Tilden** are in **Major flood** and rising, with a crest tonight and **Wednesday morning** respectively; evacuation of livestock and a few residential properties may be required.
 - The **Trinity River** at **Liberty** is in **Major flood** and cresting this morning but will remain in **Major flood** throughout this upcoming week with impacts of major lowland flooding and several subdivisions above **Liberty** likely flooding.
- **Additional rainfall** over the next few days in **Central TX** will likely prolong flooding along the already impacted rivers and lead to additional moderate (to isolated major) river flooding. Basins of concern are primarily in the **Hill Country** and include the **Guadalupe, San Antonio** and **Nueces** systems.

Tropical Outlook

- **No new tropical cyclones** are expected during the next five days.
- **Moisture from Willa** (in the **Eastern Pacific**) and its remnants will increase rain chances across portions of **NM** and **TX** the next few days and into **LA** by mid to late this week.

FEMA Region 6 Threat Matrix

Oct 22, 2018 – Oct 26, 2018



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms					
Heavy Rain / Flash Flooding	Western NM S-Cntrl, SE, & South TX	SW & Central TX	SW & Central TX		
		NM into W TX	South & East TX LA		
Winter Weather					
Tropical Weather					
River Flooding	TX	TX	TX	TX	TX

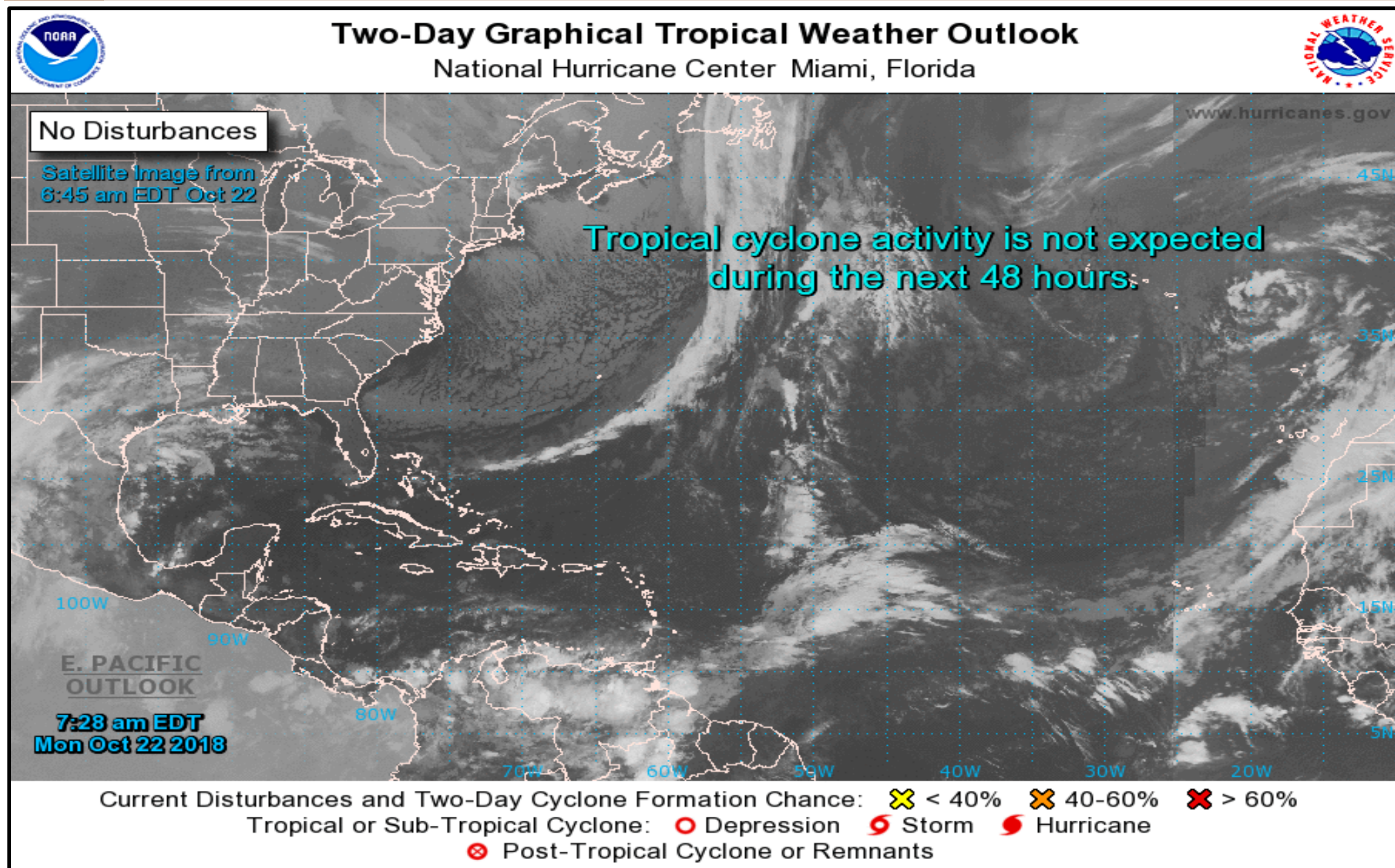
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

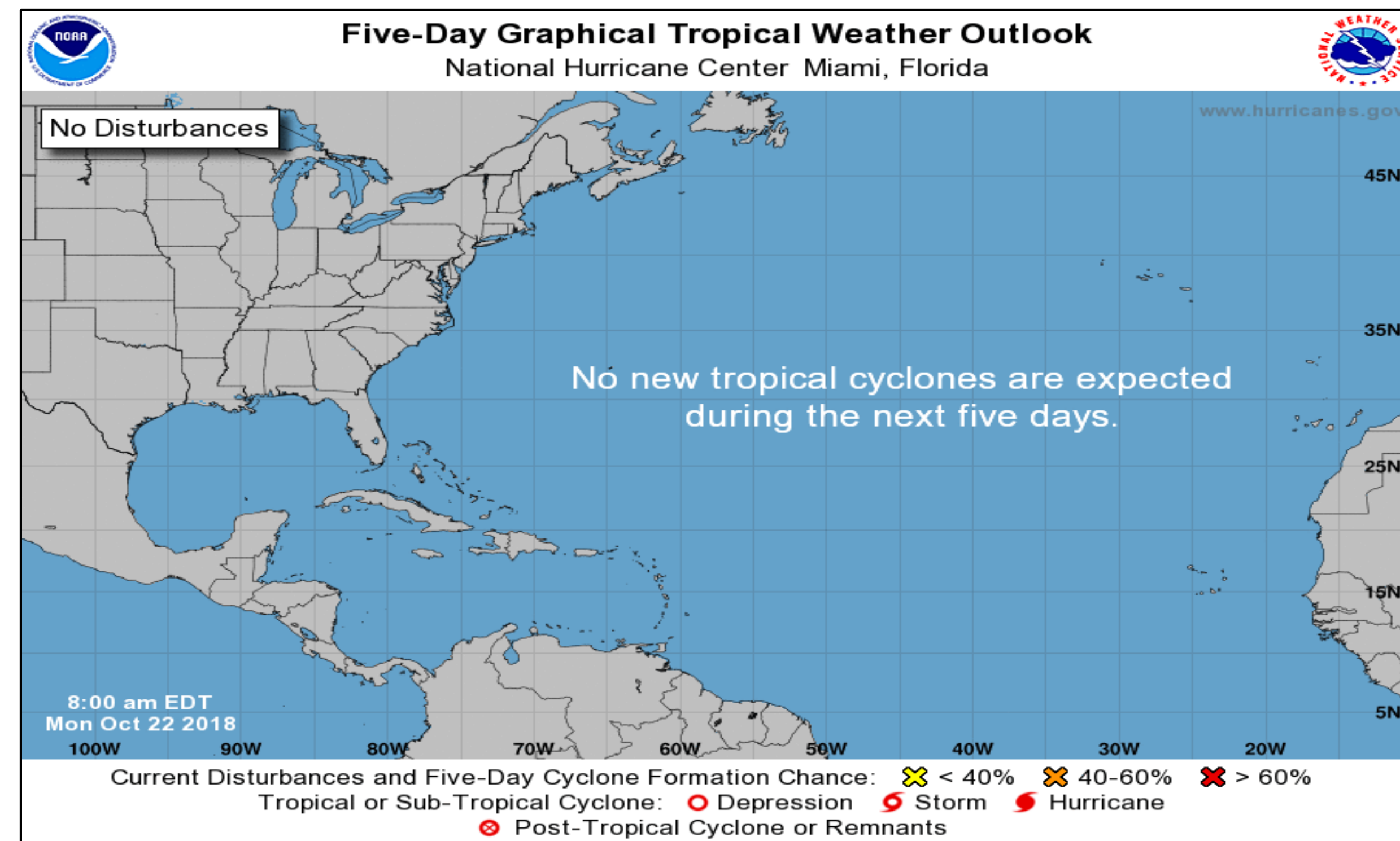
Tropical Weather Outlook – Atlantic/Gulf



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No new tropical cyclones are expected during the next five days.

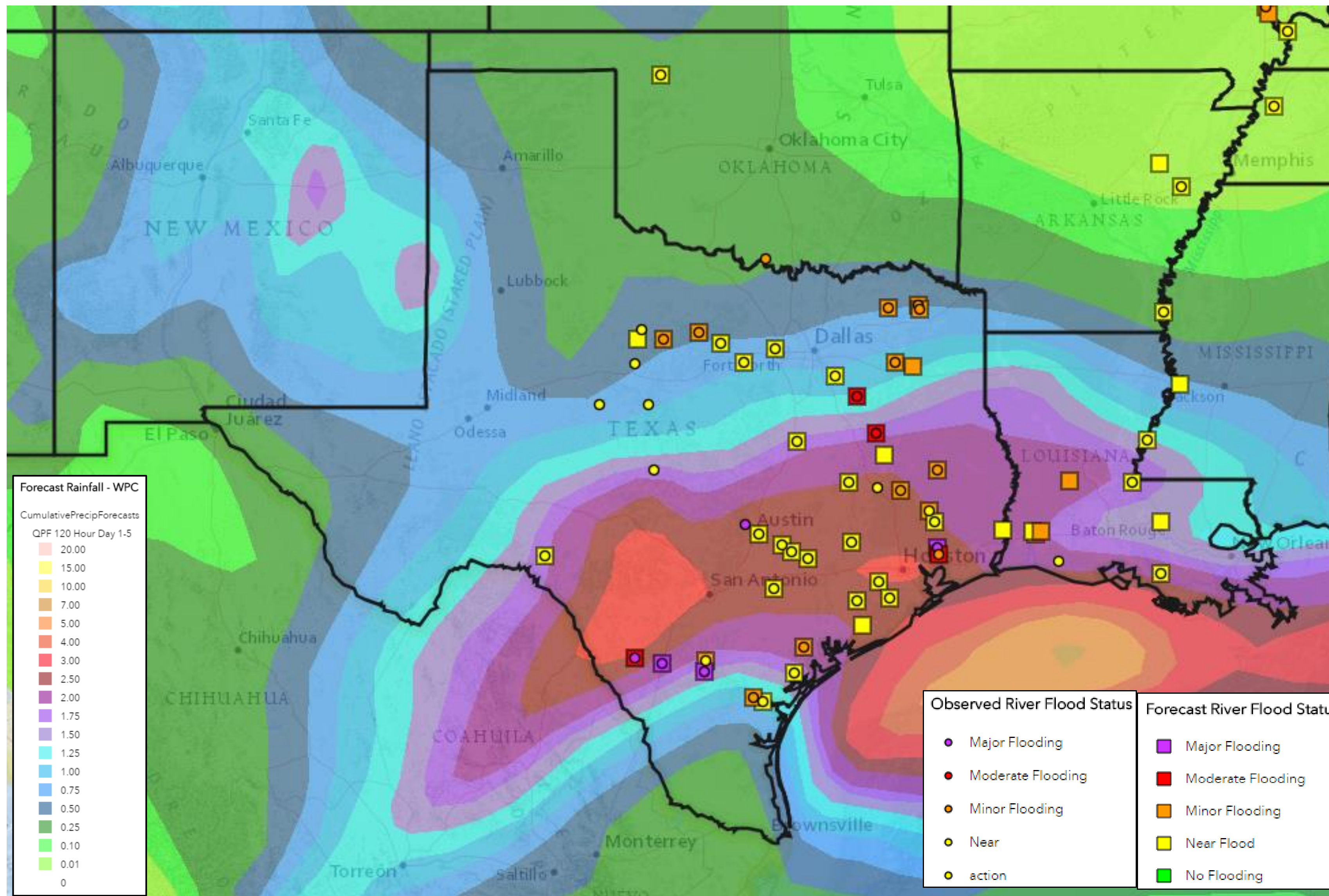


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to Major River flooding is ongoing or expected across Texas.

- **Points along the Nueces river in STX will be in Major Flood at times over the next week as water moves downstream. Points near Cotulla and Tilden are in Major flood and rising, with a crest tonight and Wednesday morning respectively; evacuation of livestock and a few residential properties may be required.**
- **The Trinity River at Liberty is in Major flood and cresting this morning but will remain in Major flood throughout this upcoming week with impacts of major lowland flooding and several subdivisions above Liberty likely flooding.**

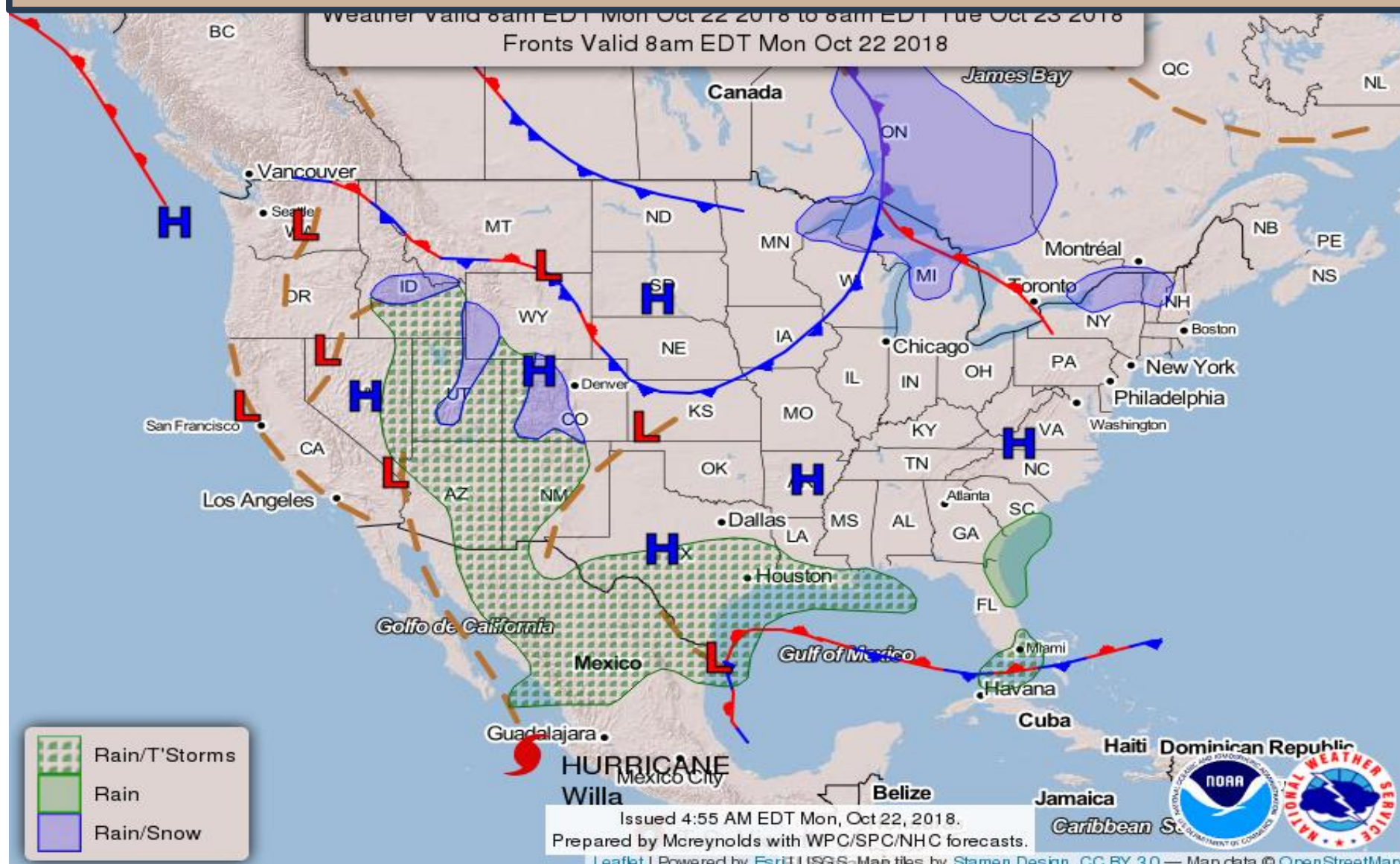
Additional rainfall over the next few days in Central TX will likely prolong flooding along the already impacted rivers and lead to additional moderate (to isolated major) river flooding. Basins of concern are primarily in the Hill Country and include the Guadalupe, San Antonio and Nueces systems.

Today's Weather

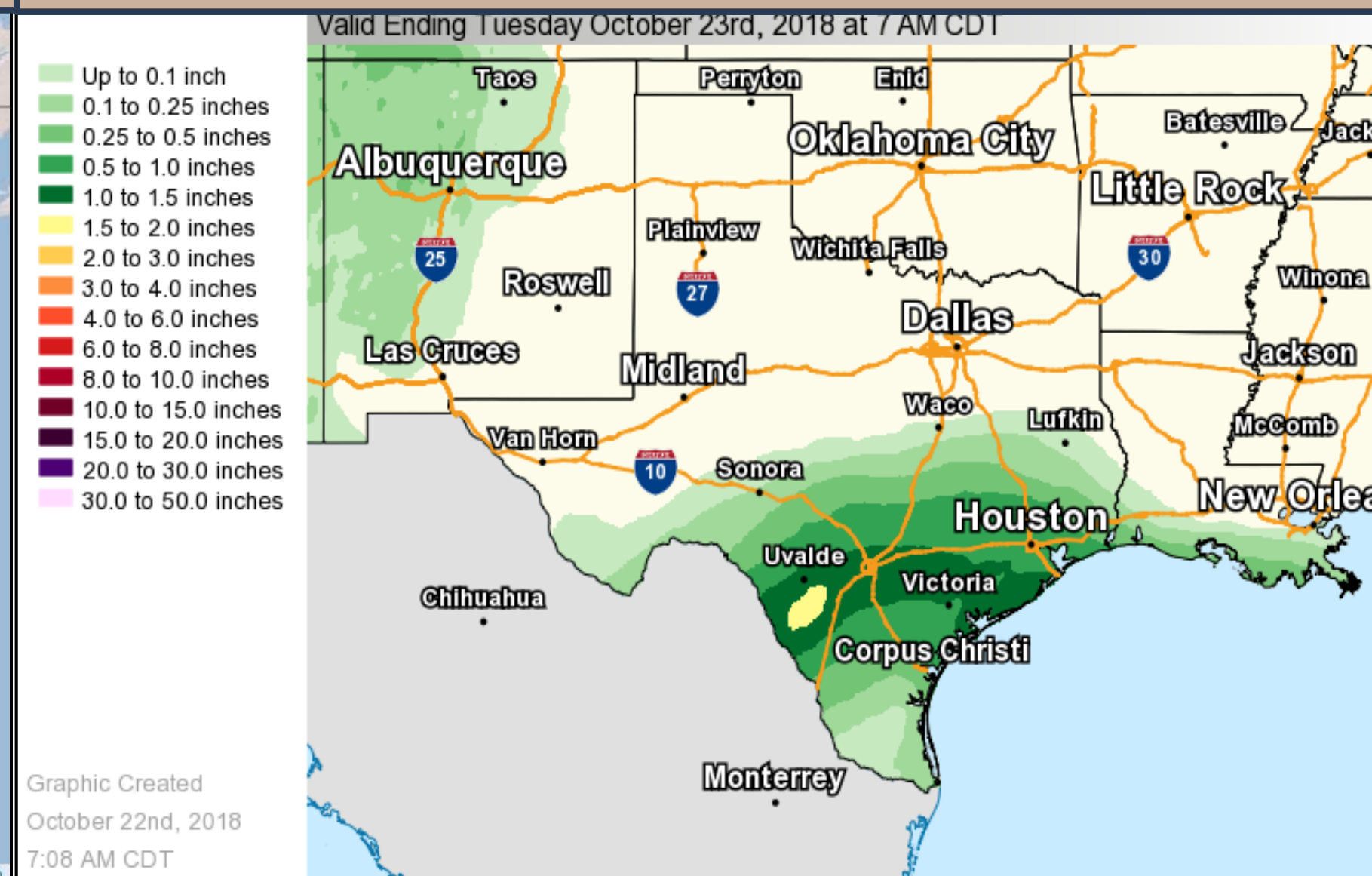


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Forecast Chart

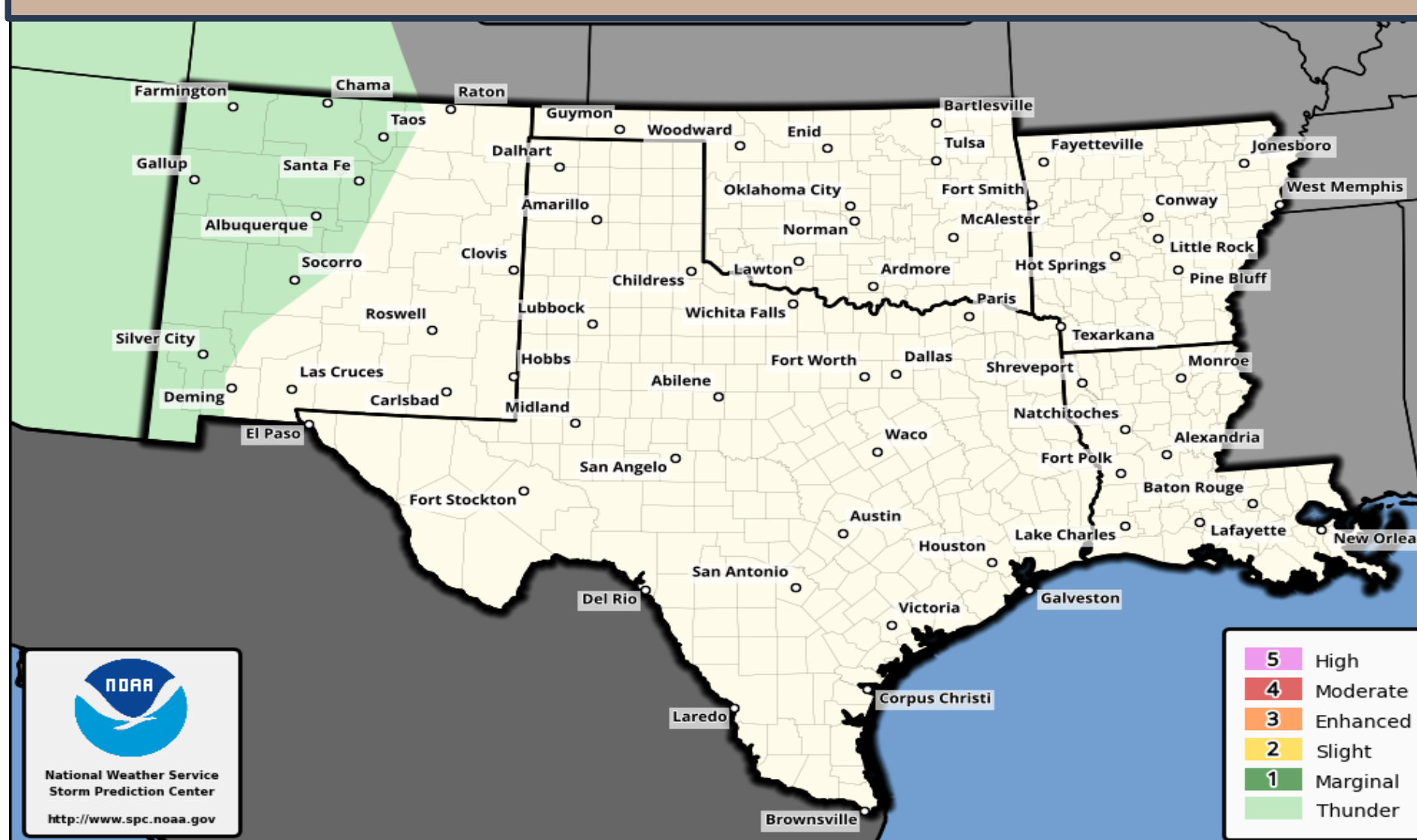


Forecast Rainfall

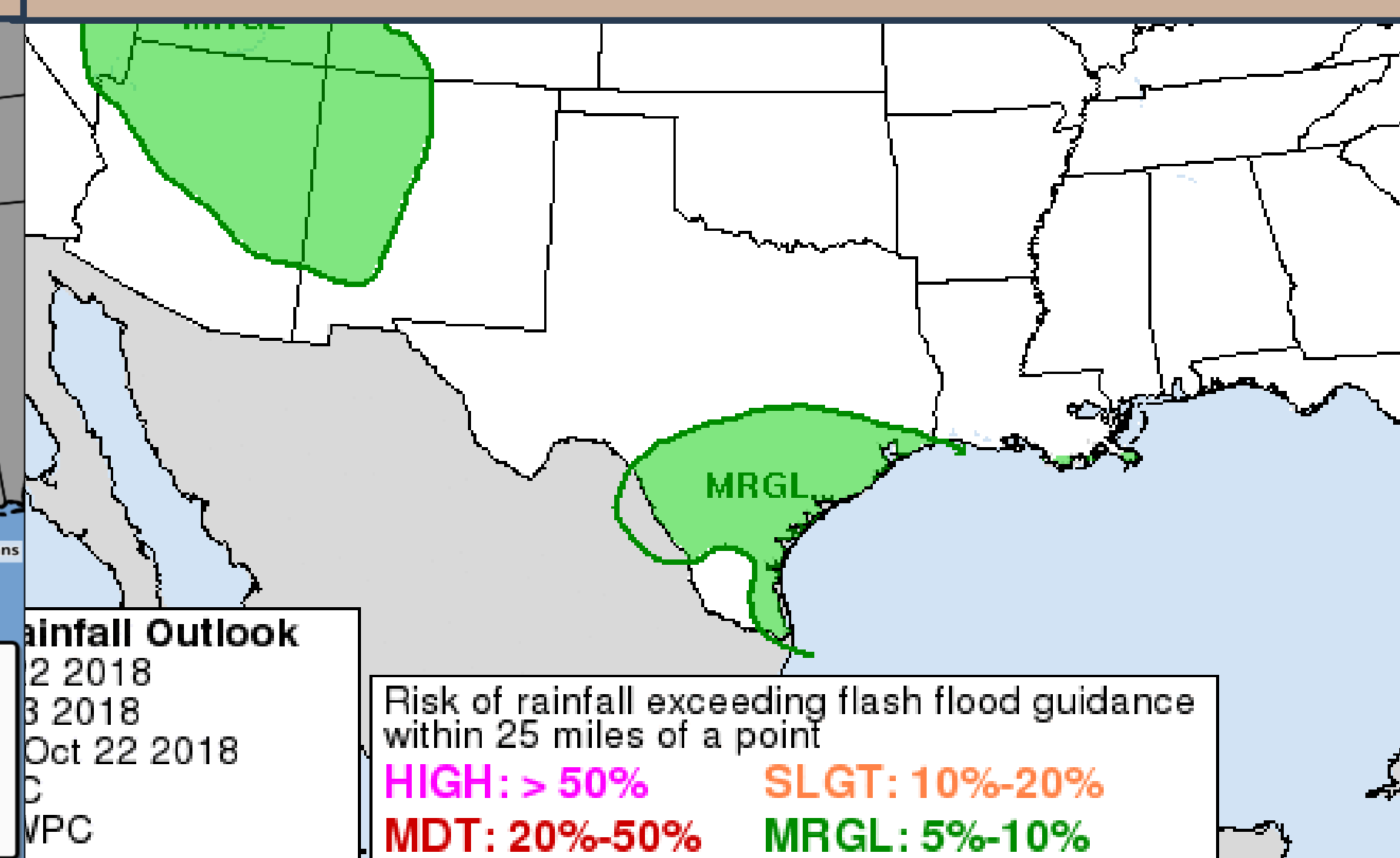


**Isolated heavy rain/flash
flooding possible for
Western NM and for
S-Central, SE, and South TX.**

Severe Weather Outlook



Excessive Rainfall Outlook



Risk of rainfall exceeding flash flood guidance
within 25 miles of a point

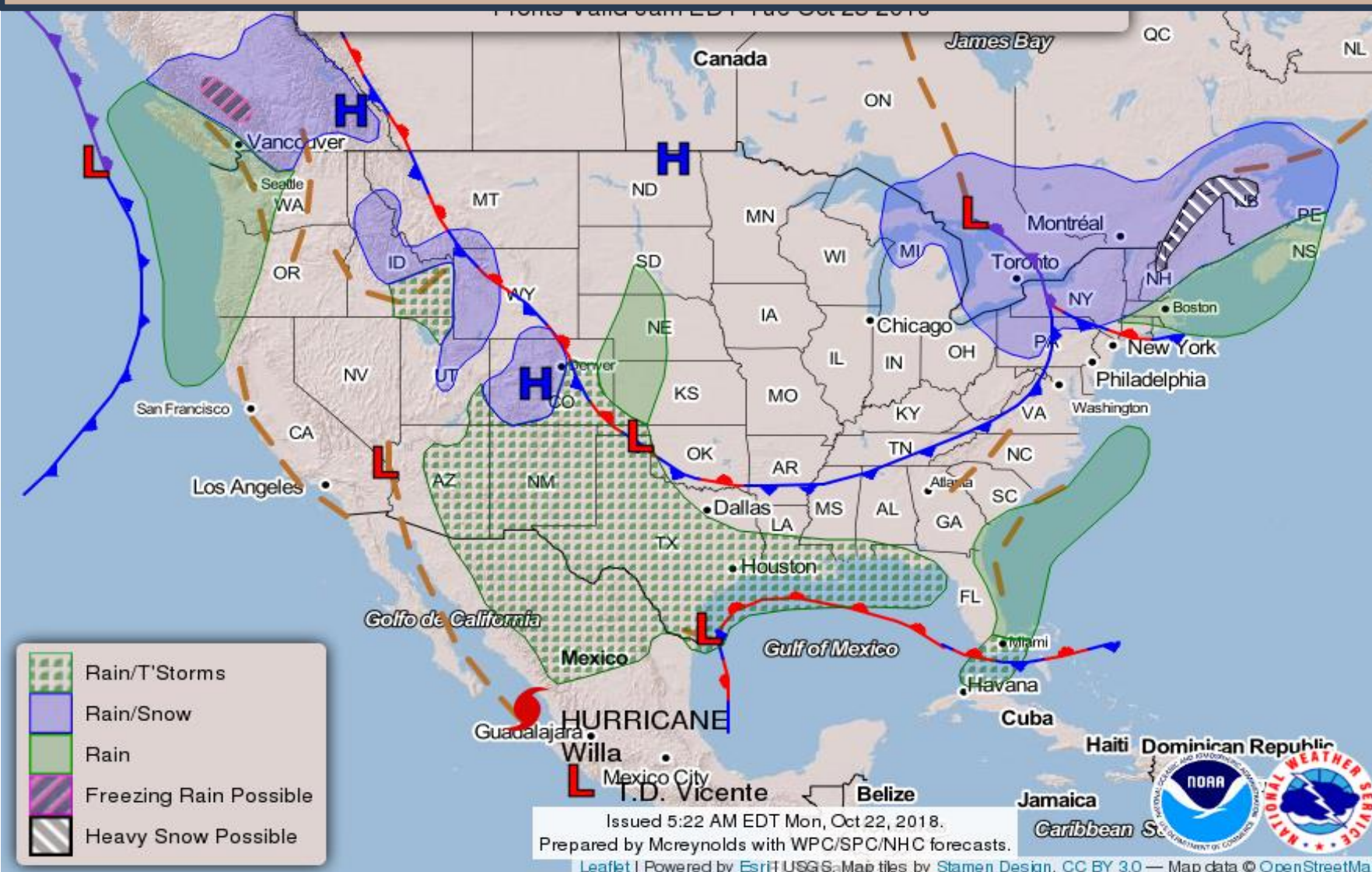
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Tomorrow's Weather

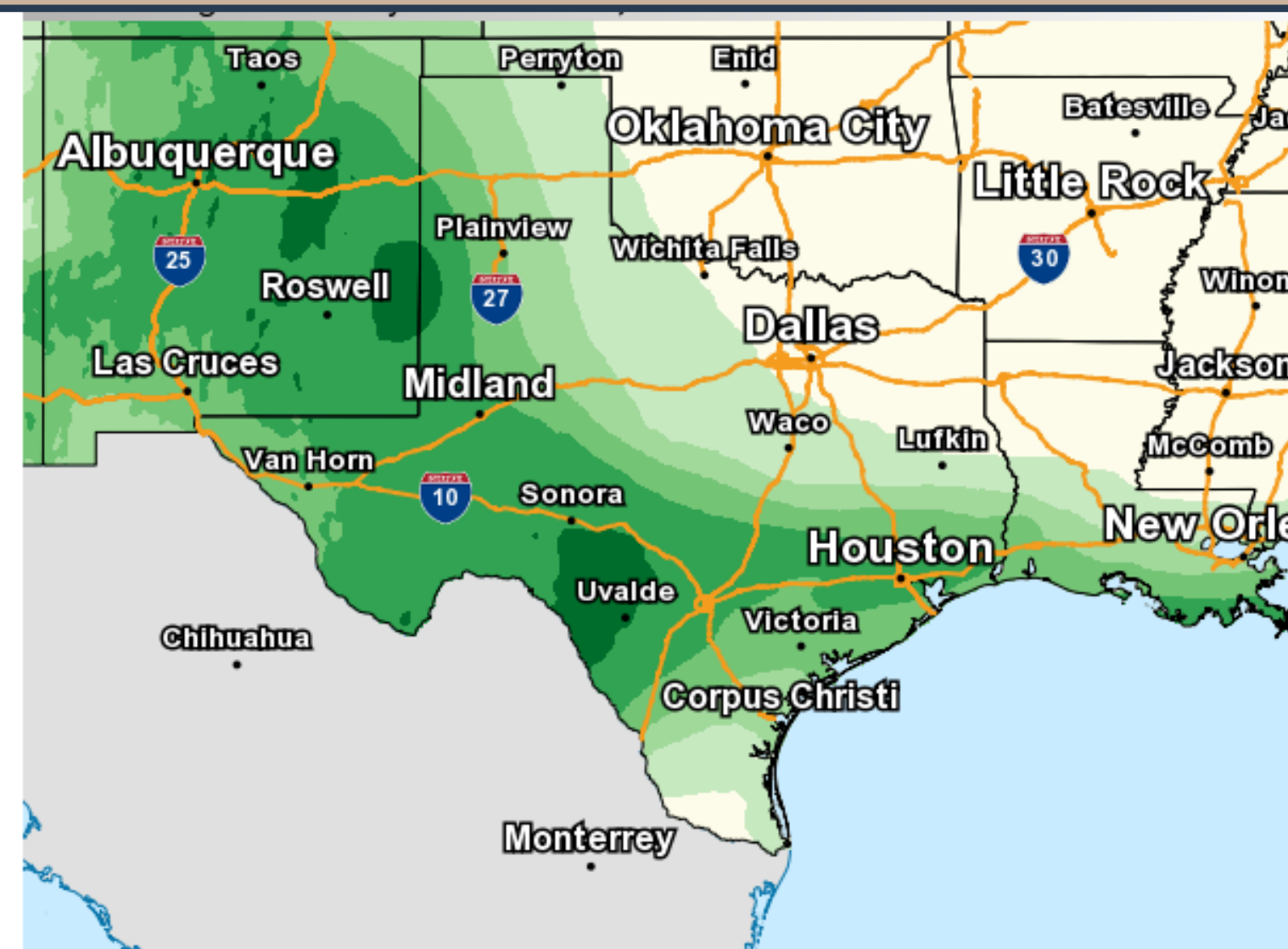
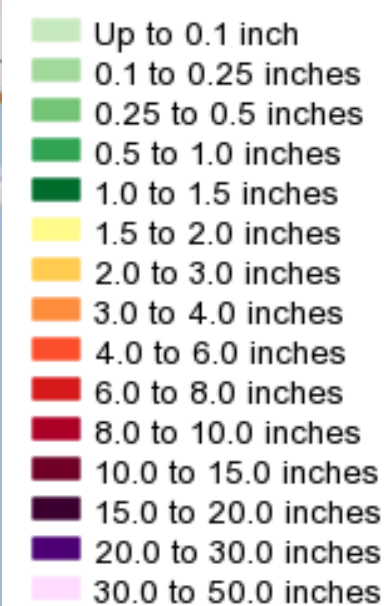


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Forecast Chart



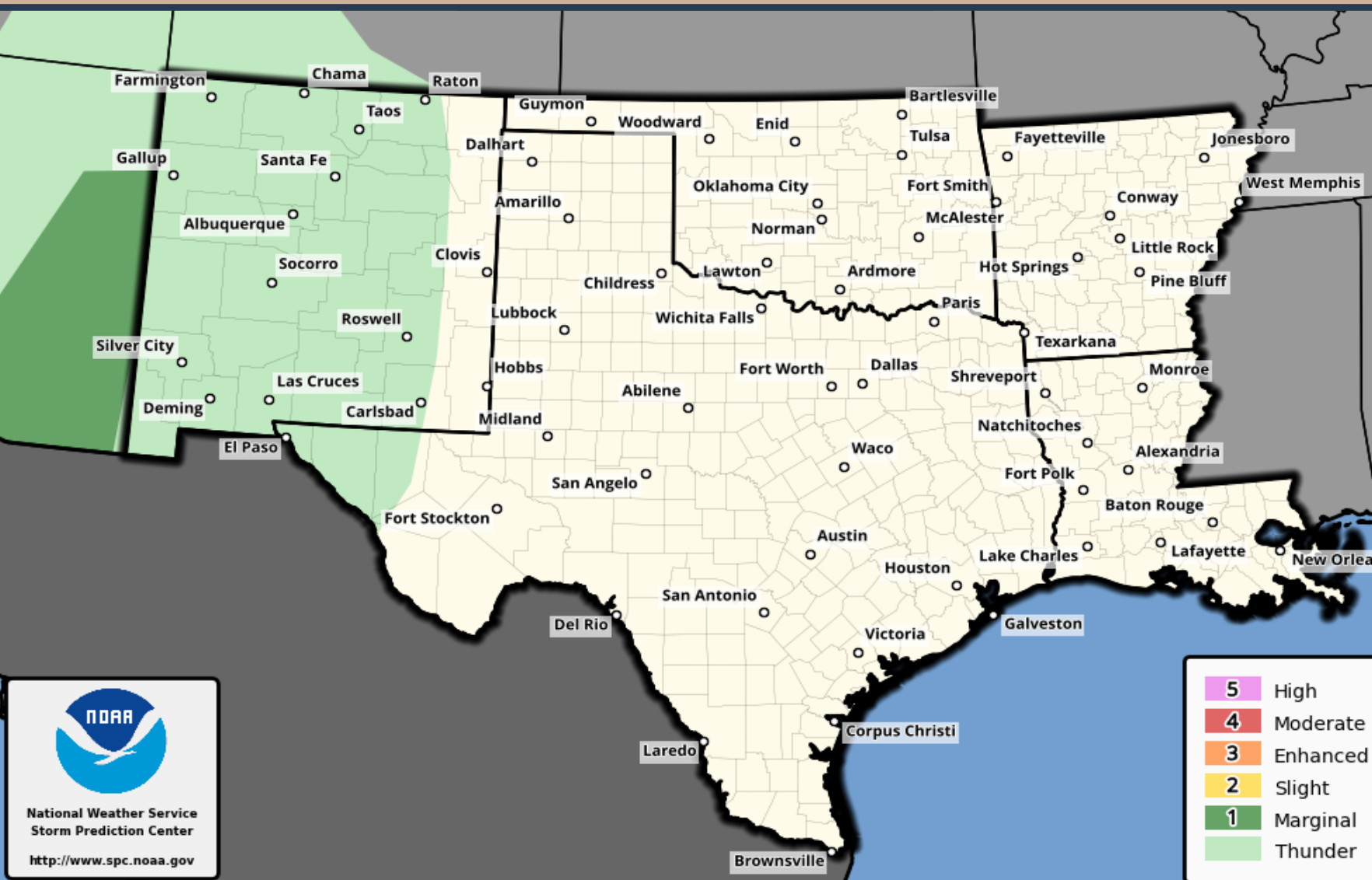
Forecast Rainfall



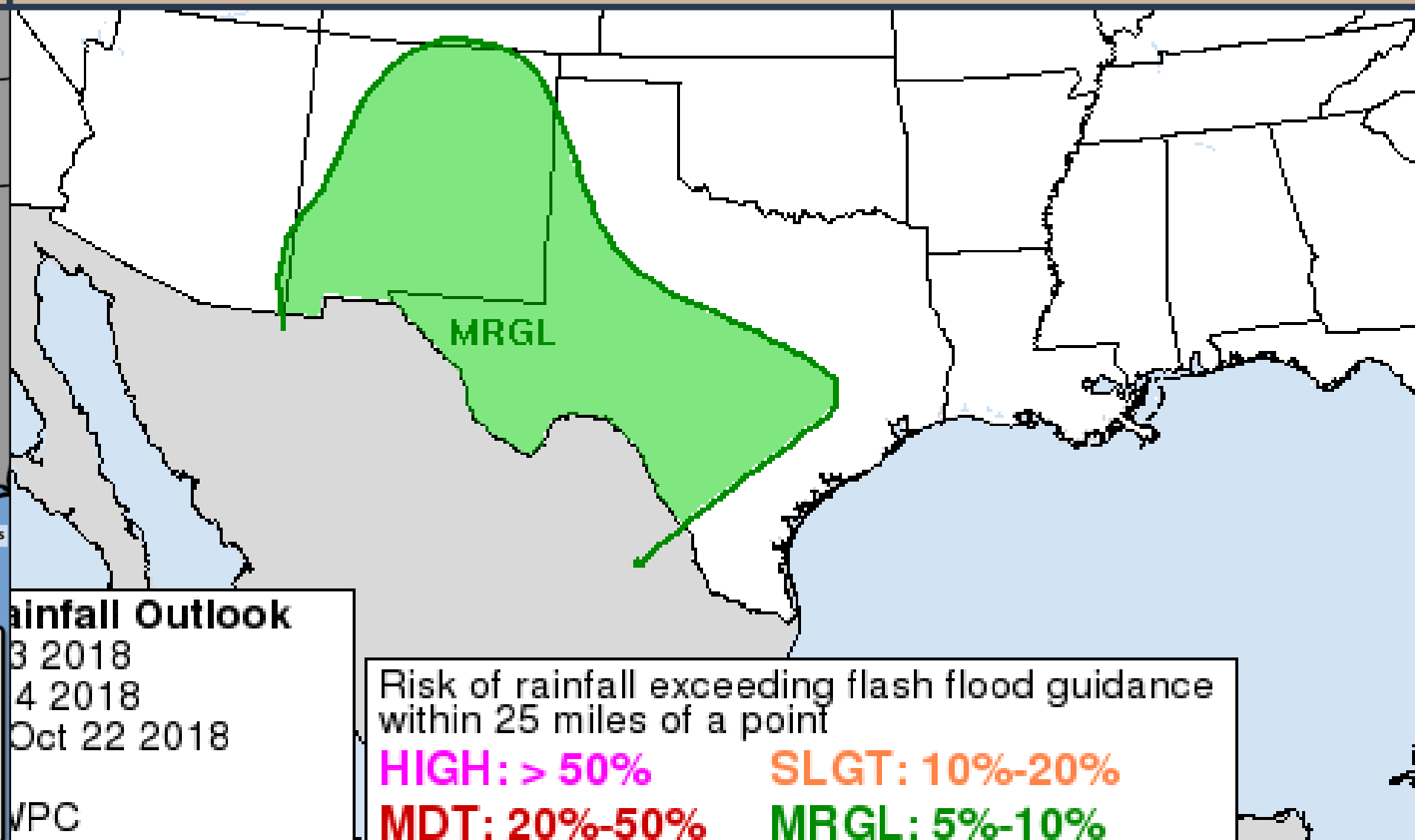
Persistent rain on Tuesday over already-vulnerable areas of SW & S-Central TX may lead to some isolated flash flooding.

Widespread rainfall expected over NM and W TX as well; some locations could see heavy rain, which would lead to isolated flash flooding.

Severe Weather Outlook



Excessive Rainfall Outlook

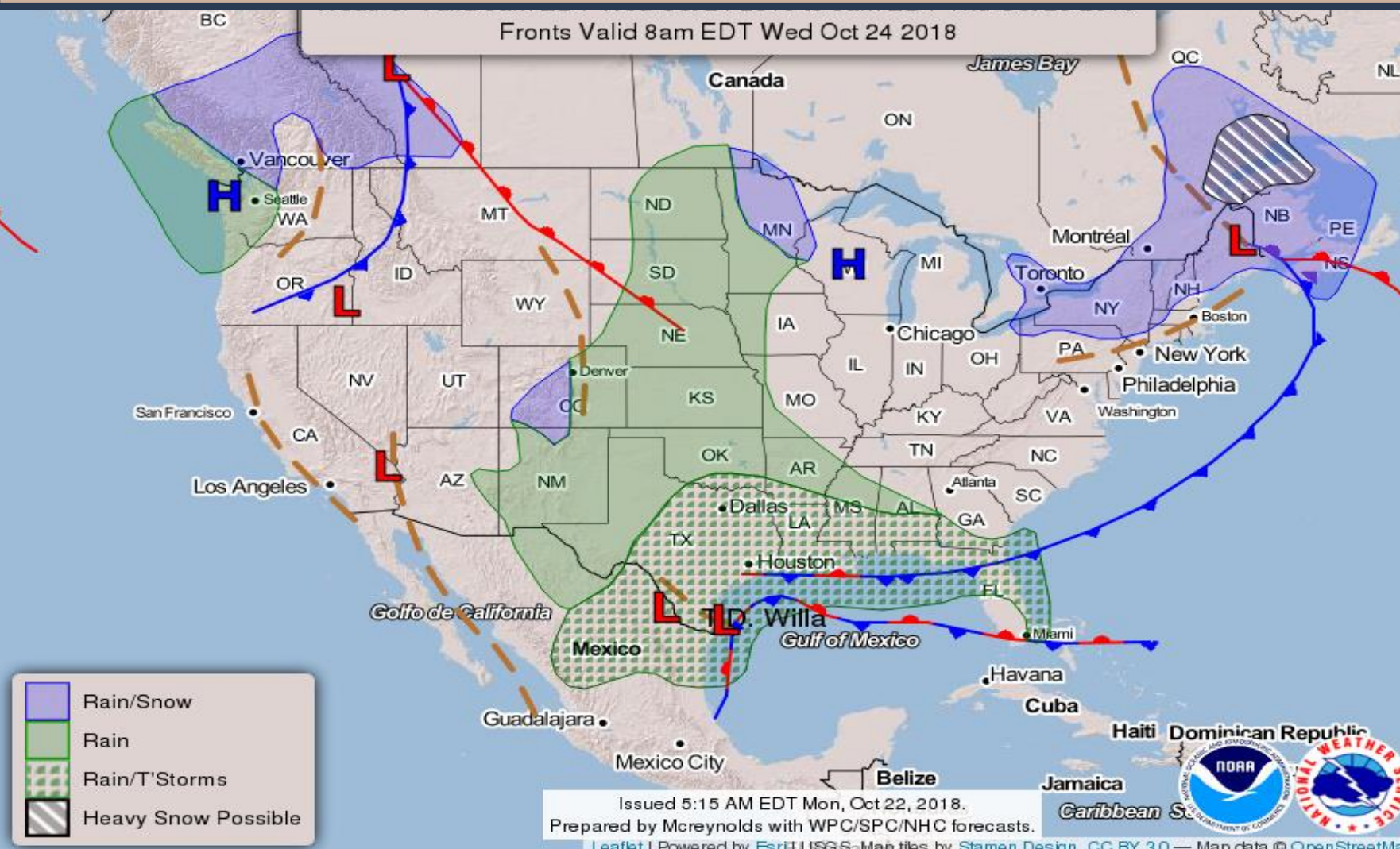


Wednesday's Weather

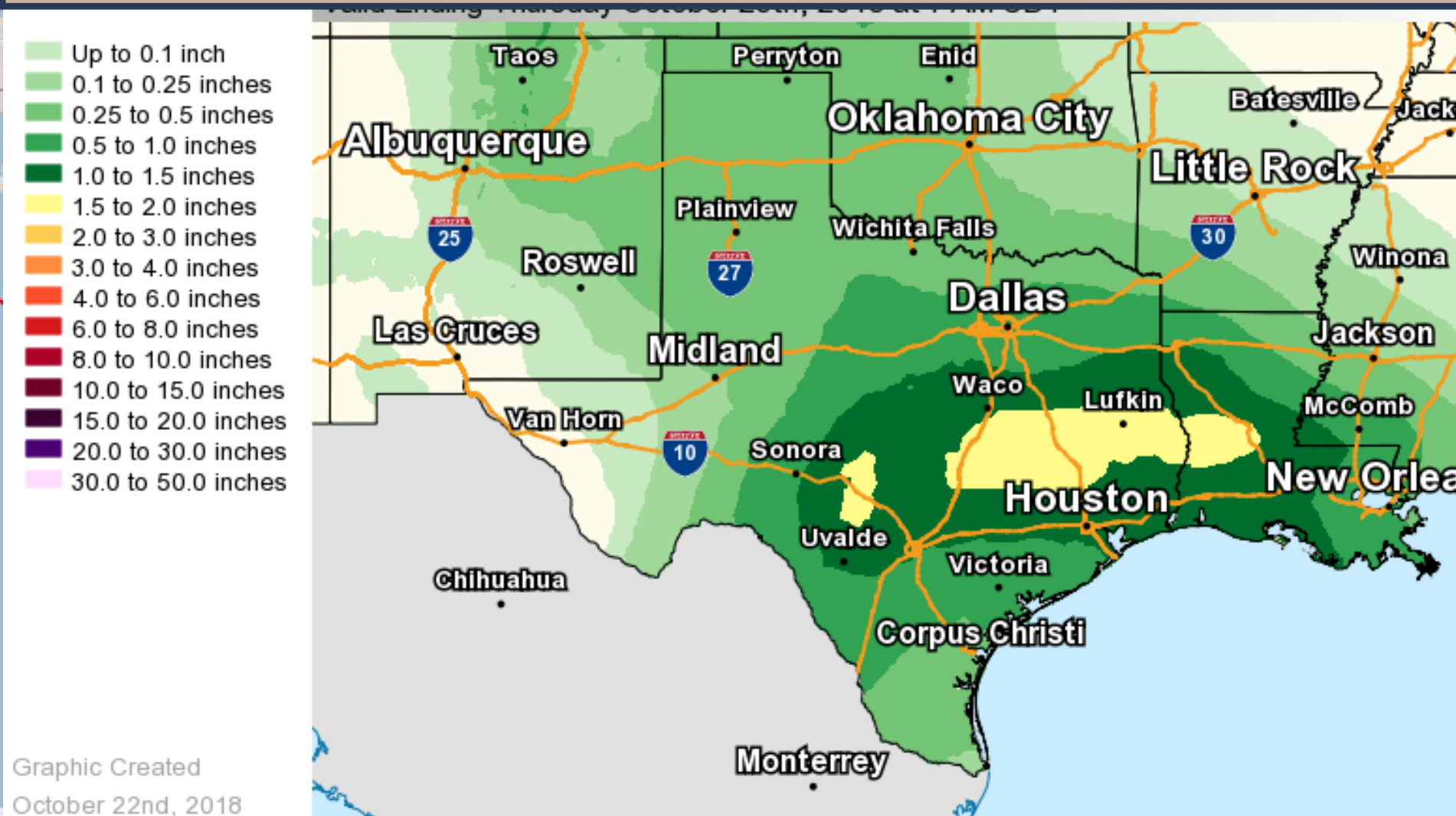


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Forecast Chart



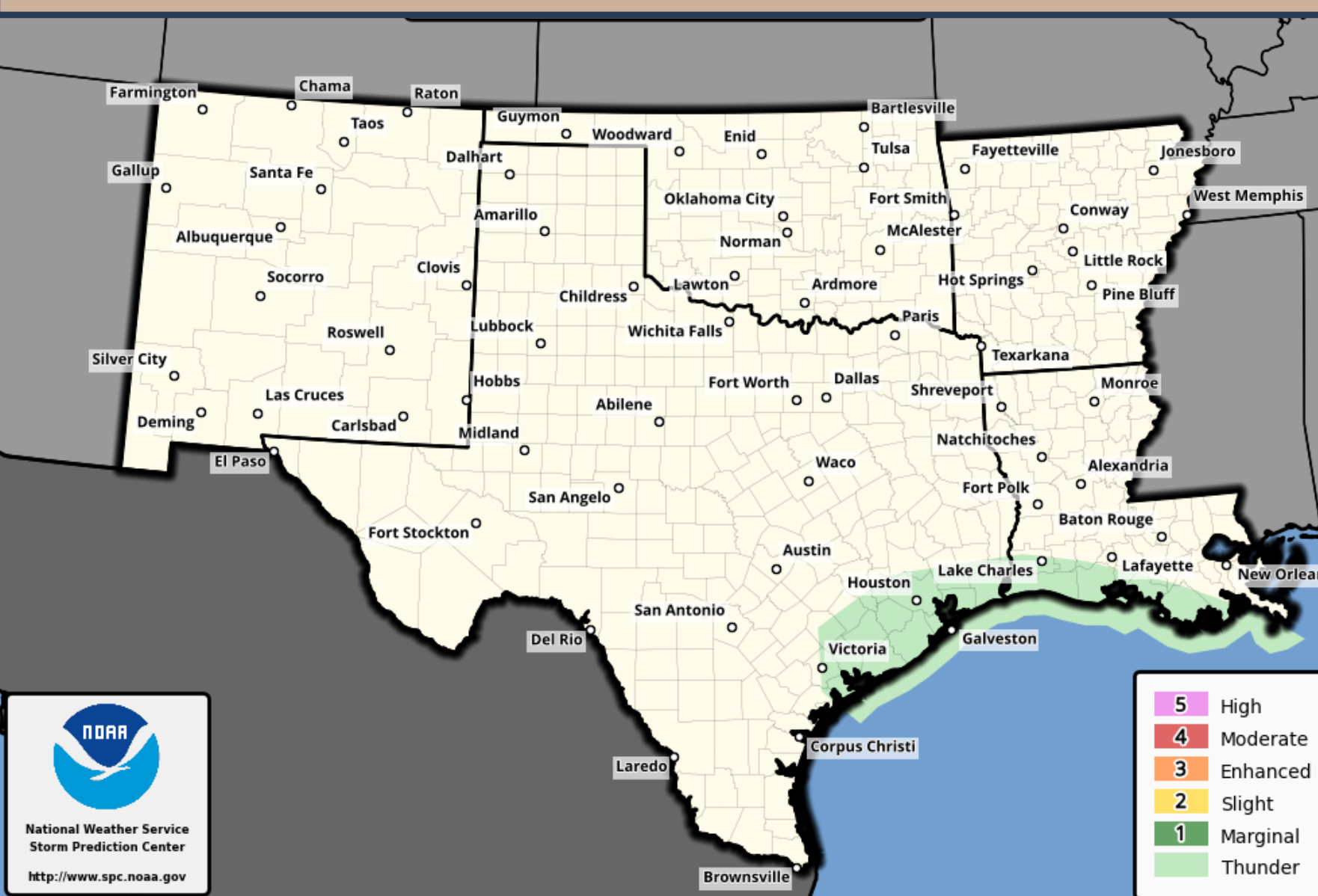
Forecast Rainfall



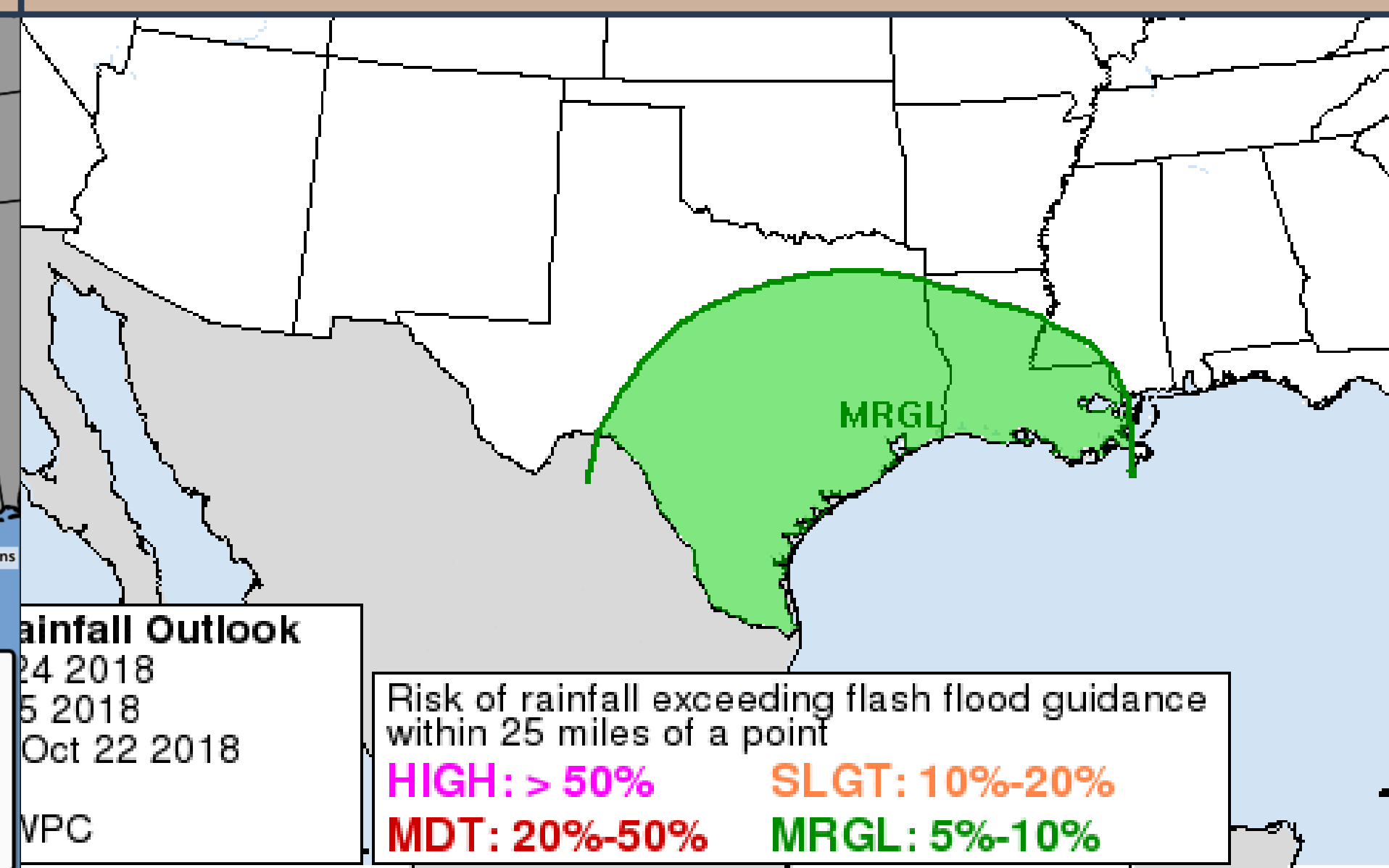
Persistent rain on Wednesday over already-vulnerable areas of SW & S-Central TX may lead to some isolated flash flooding.

Widespread rainfall expected over South and East TX into Louisiana as well; some locations could see heavy rain, which would lead to isolated flash flooding.

Severe Weather Outlook



Excessive Rainfall Outlook

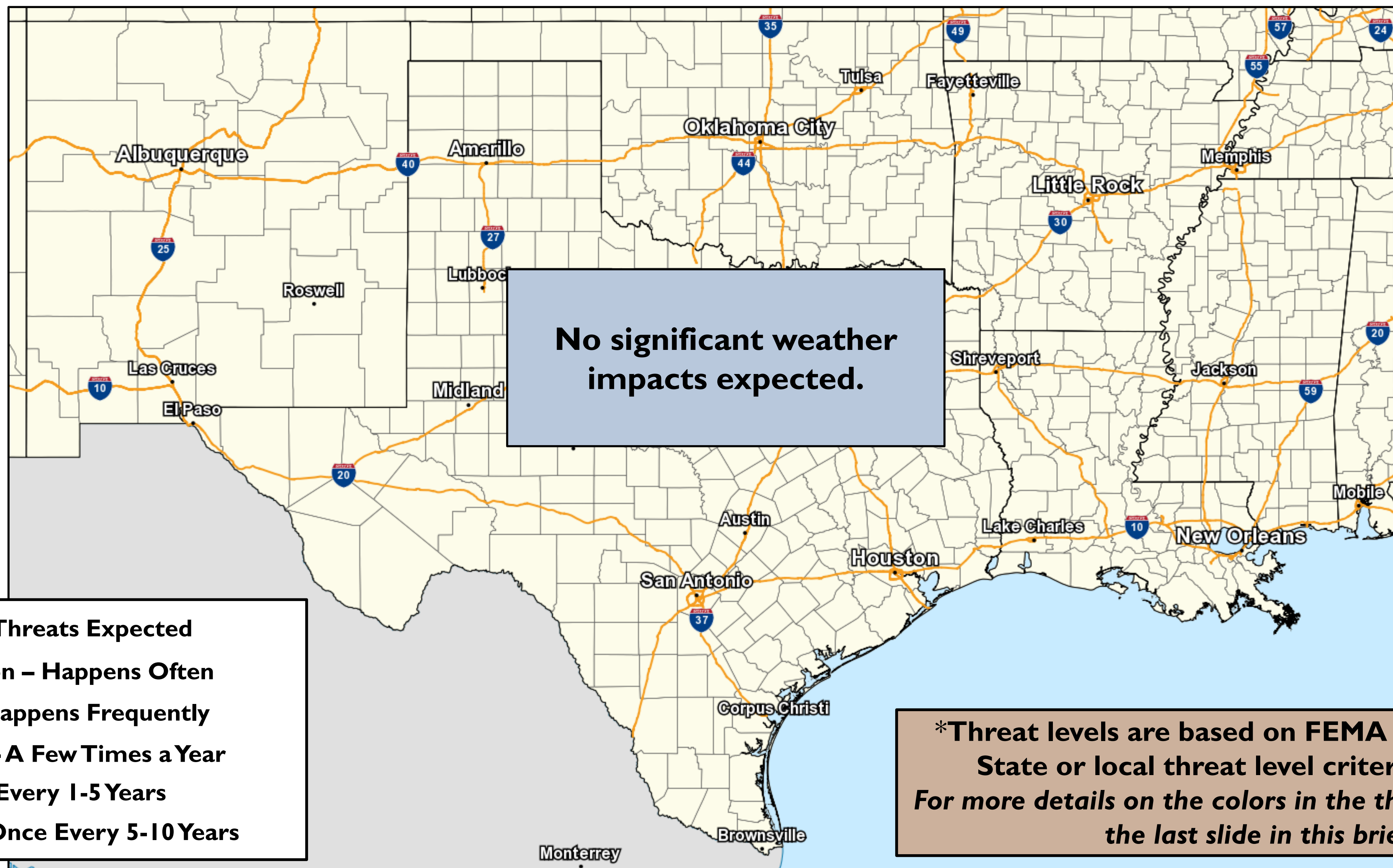


Days 4-5 Weather Hazards

Thursday - Friday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

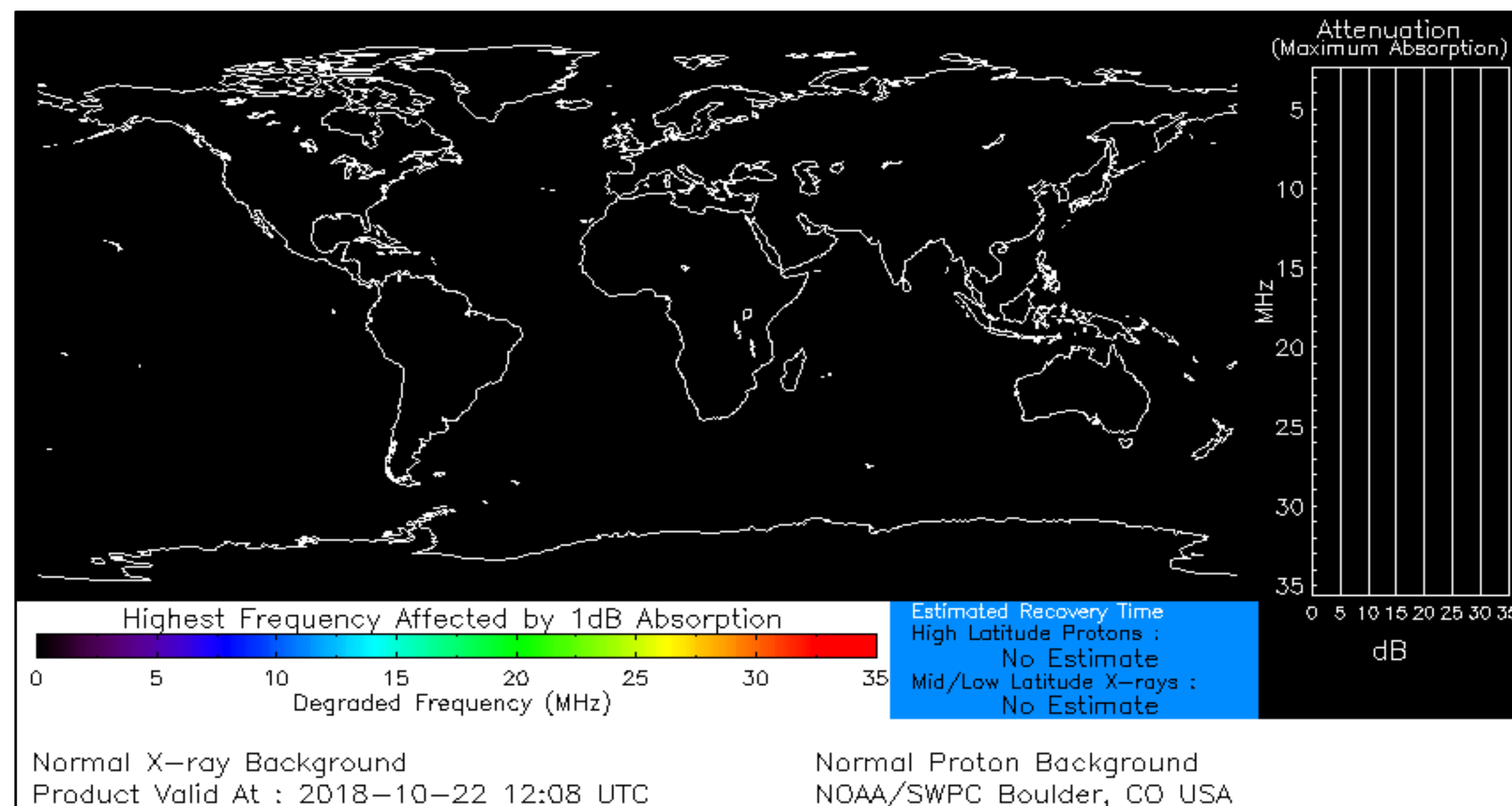
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Space Weather 3-Day Forecast



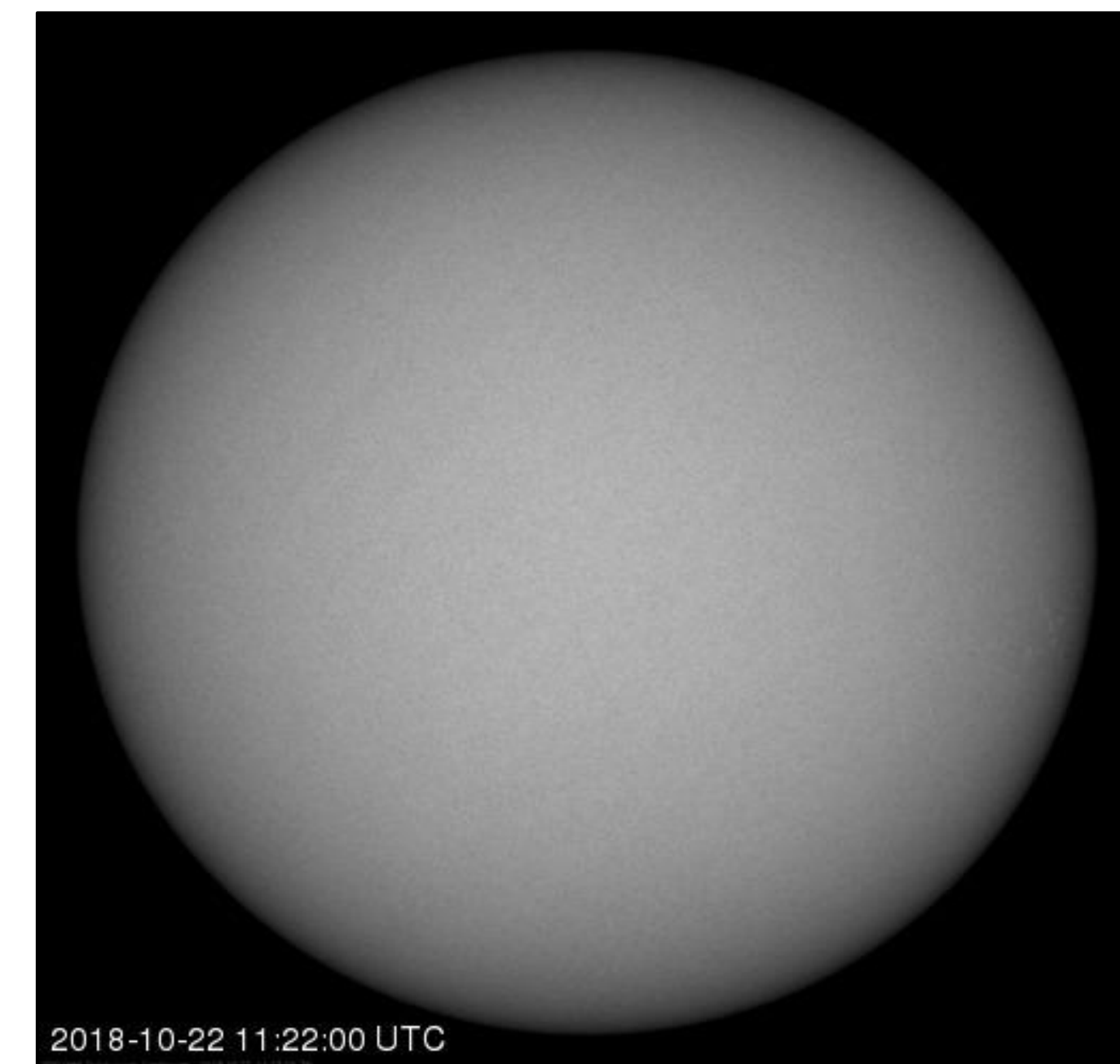
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov